Omnitron Systems Technology, Inc.

FlexPoint™ 10T/2 User Instructions

Description

The FlexPoint family of Converters supports the IEEE 802.3 and Ethernet Versions 1.0 / 2.0 standards. They convert among 10BASE-FL with single-mode (SM) and multimode (MM) fiber, 10BASE-2 thin coax and 10BASE-T twisted pair (UTP) media types.

The FlexPoint 10T/2 provides conversion from 10BASE-2 coax to 10BASE-T UTP. It features coax connector and an EIA/TIA 568 RJ45 UTP connector.

The FlexPoint 10T/2 supports switch selectable Straight-through or crossed RJ45 UTP wiring and a switch selectable coax line termination.

Power Adapter Notice:

1. When used in a stand-alone configuration, this product is intended to be used only with a Listed Direct Plug-In Power Unit marked "Class 2" and rated at 9VDC, 1 Amp.
2. This product should always be used only with its enclosed Power Unit.

WARNING!

Before plugging the Power Adapter to any wall outlet or AC power source, verify that the power on the unit is appropriate for your AC line voltage source.

Mounting:

The Omnitron FlexPoint 10T/2 can be individually wall mounted using a wall-mounting kit, rack-mounted using a 5-Module space-saver shelf or inserted in a 14-Module power-redundant FlexPoint Powered Chassis. When wall-mounting or shelf-mounting, attach the power adapter unit.

If connecting the UTP cable to a hub or switch, set the cross-over switch to the straight position (factory setting). If connecting to a PC or workstation, set the switch to the cross-over position.

When connecting the FlexPoint 10T/2 at the end of a coax segment, attach the coax cable directly into the FlexPoint's BNC coax connector. When connecting it along the coax cable (not at the end), use a "T" connector to tap into the cable.

Switch Settings:

"RJ45 Cross-Over" switch: When connecting the UTP to a hub or switch, it should be se to "Straight-Through" (factory setting). When connecting to a PC or workstation, it should be set to "Cross-Over".

"Termination" switch: When attaching anywhere along a coax cable except at the end, the Termination switch should be set to "Termination Out" (factory setting). When attaching at the end of a cable, it can be set to "Termination In." When the switch is set to "Termination In", an external termination must not be attached.

LED indicators:

LED	Color	Description
Power	Yellow	Power applied.
Jabber	Red	Jabber condition.
Coax Rx	Green	Received data on coax line.
Coax Col	Yellow	Collision on coax line.
UTP Rx	Green	Received data on UTP line.
UTP Col	Yellow	Collision on UTP line.
UTP Link	Green	Operational device detected at the far end of UTP.
Polarity	Yellow	Polarity reversal was detected and corrected automatically.

Technical Support:

If you encounter problems in installing or maintaining this product, contact Omnitron Technical Support:

Phone: (949) 250-6510
Fax: (949) 250-6514
Address: Omnitron Systems Technology, Inc.
140 Technology Drive, #500
Irvine, CA 92618
Email: support@omnitron-systems.com
URL: http://www.omnitron-systems.com

User Warranty Registration

Please register on-line @ **http://www.omnitron-systems.com** or complete both sides and mail or fax this registration form to:

Omnitron Systems Technology, Inc.
140 Technology Drive, #500
Irvine, CA 92618, USA
Fax: (949) 250-6514

Name: _____
Company: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Country: _____
Phone: _____ Fax: _____
E-mail: _____

Please complete both sides of this form

Warning

The operating description in this Instruction Manual is for use by qualified personnel only. To avoid electrical shock, do not perform any servicing of this unit other than that contained in the operating instructions, unless you are qualified and certified to do so by Omnitron Systems Technology, Inc.

Caution

All user-required operations can be performed without opening the unit. Never attempt to open or remove the cover or tamper with the unit.

Warranty

This product is warranted to the original purchaser against defects in material and workmanship for a period of TWO YEARS from the date of shipment. A LIFETIME warranty may be obtained by the original purchaser by REGISTERING this product with Omnitron within 90 days from the date of shipment. TO REGISTER, COMPLETE AND MAIL OR FAX THE REGISTRATION PORTION OF THIS INSTRUCTION MANUAL TO THE INDICATED ADDRESS. Or you may register your product on the internet at http://www.omnitron-systems.com. During the warranty period, Omnitron will, at its option, repair or replace a product which is proven to be defective.

For warranty service, the product must be sent to an Omnitron designated facility, at Buyer's expense. Omnitron will pay the shipping charge to return the product to Buyer's designated US address using Omnitron's standard shipping method.

Limitation of Warranty

The foregoing warranty shall not apply to defects resulting from improper or inadequate use and/or maintenance of the equipment by Buyer, Buyer-supplied equipment, Buyer-supplied interfacing, unauthorized modifications or tampering with equipment (including removal of equipment cover by personnel not specifically authorized and certified by Omnitron), or misuse, or operating outside the environmental specification of the product (including but not limited to voltage, ambient temperature, radiation, unusual dust, etc.), or improper site preparation or maintenance.

No other warranty is expressed or implied. Omnitron specifically disclaims the implied warranties of merchantability and fitness for any particular purpose.

Exclusive Remedies

The remedies provided herein are the Buyer's sole and exclusive remedies. Omnitron shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any legal theory.

Form: 040-04320-000B 11/07

Notes:

User Warranty Registration

Please register on-line @ **http://www.omnitron-systems.com** or complete both sides and mail or fax this registration form to:

FlexPoint Type: _____
Model: _____
Serial Number: _____ Purchase Date: _____
Purchased From: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Country: _____
Comments and Suggestions: _____

Please complete both sides of this form